

IN THE CLAIMS:

1. (Currently Amended) ~~A process~~ Process for preparing a said winding roll (8) for a flying roll change by arranging ~~an a~~ said adhesive tape (44) between the said beginning (30.1) of the web and a said web layer (66) of the said winding roll (8), which said web layer lies under it, ~~in which~~ the process comprising:

- a) lifting the beginning of the web ~~is lifted~~ off from the said winding roll (8); ;
- b) placing the said adhesive tape (44) ~~is placed~~ with a said first bonding surface (62) on the area of the said web that has remained wound up; ;
- c) cutting the said beginning (30.1) of the web ~~is cut~~ to size; ; and
- d) returning the said beginning (30.1) of the web, which has been lifted off and cut to size, ~~is returned~~ onto the said winding roll (8), so that a said second bonding surface (63) of the said adhesive tape (44) comes into contact with the said beginning (30.1) of the web.

2. (Currently Amended) ~~A process~~ Process for preparing a said winding roll (8) for a flying roll change by arranging a said adhesive tape (44) between the said beginning (30.1) of a web and a said layer (66) of the said winding roll (8) lying under it, in which:

- a) lifting the said beginning of the web ~~is lifted~~ off from the said winding roll (8);
- b) placing the said adhesive tape (44) ~~is placed~~ on the web;
- c) cutting the said beginning (30.1) of the web ~~is cut~~ to size;

wherein

- d) leading the said beginning of the web is led over a said roller (10) for cutting the

said beginning (30.1) of the web to size; and

e) pressing a said cutting knife (51) is pressed against the said roller (10) , so that a cutting blade of the said cutting knife (51) is pressed against the circumferential surface of the said roller (10) and the web is severed.

3. (Currently Amended) A process ~~Process~~ in accordance with claim 1 ~~or 2~~, ~~characterized in that~~ wherein the said beginning of the web is led over a said roller (10) that is in contact with the said winding roll (8).

4. (Currently Amended) A process ~~Process~~ in accordance with ~~one of the above claims~~ claim 1, ~~characterized in that~~ wherein the shape of the edge of the said beginning (30.1) of the web is variable by using said cutting knives (51) of different designs to cut the web to size.

5. (Currently Amended) A process ~~Process~~ in accordance with ~~one of the above claims~~ claim 1, ~~characterized in that~~ wherein the said lifted-off beginning of the web is cut to size over such a length, measured from the point of lift-off to the edge of the web, that the said beginning (30.1) of the web covers only a said predetermined part (63.1) of the said second bonding surface after returning to the said winding roll (8).

6. (Currently Amended) A process ~~Process~~ in accordance with ~~one of the above claims~~ claim 1, ~~characterized in that~~ wherein the said beginning (30.1) of the web is wound off by

rotating the said roller (10) and/or the said winding roll (8) onto the said second bonding surface (63) without the said roller (10) touching the said bonding surface (63).

7. (Currently Amended) A process ~~Process~~ in accordance with ~~one of the above claims~~ claim 1, ~~characterized in that~~ wherein the steps of lifting, placing, cutting and returning it is ~~are~~ carried out fully automatically.

8. (Currently Amended) A device ~~Device~~ for lifting the beginning of a web off from a winding roll, placing adhesive tape on the web and cutting the beginning of the web to size ~~carrying out the process in accordance with one of the claims 1 through 7, which has, the~~ device comprising:

a) a said gripping device (25) for lifting off the said beginning of a web of the said winding roll (8);

b) ~~a said~~ an adhesive tape applicator (45) for placing ~~a said~~ an adhesive tape (44) on the web of the said winding roll, (8); ~~wherein c) the said adhesive tape applicator (45) is being~~ arranged such that the said adhesive tape (44) can be placed on an area of the web on the jacket surface of the said winding roll (8), which said web area has remained wound up, and from which the beginning of the web was lifted off.

9. (Currently Amended) A device ~~Device~~ in accordance with claim 8 further comprising with a said cutting device for cutting the said beginning of the web to size, wherein

the said cutting device preferably has a said cutting knife (51) and a said drive means (52) and is arranged in relation to a said roller (10) , which adjoins the said winding roll (8) and via which the lifted-off web of the said winding roll (8) can be deposited, such that the said cutting knife (51) can be driven in the direction of the said roller (10).

10. (Currently Amended) A device ~~Device~~ in accordance with claim 8 ~~or 9~~, ~~characterized in that~~ wherein the arrangements of the said adhesive tape applicator (45) , the said cutting device and the said roller (10) in relation to the said winding roll (8) are coordinated with one another such that the cutting site of the said beginning (30.1) of the web and the web area with the said adhesive tape (44) on the said winding roll (8) are in a predetermined relationship to each other.

11. (Currently Amended) A device ~~Device~~ in accordance with ~~one of the claims 8, 9 and 10~~ claim 9, ~~characterized in that~~ wherein the said adhesive tape applicator (45) , the said roller (10) and/or the said cutting knife (51) are pivotable.

12. (Currently Amended) A device ~~Device~~ in accordance with ~~one of the claims 8 through 11~~ claim 9, ~~characterized in that~~ wherein the said cutting knife (51) of the said cutting device is replaceable.

13. (Currently Amended) A device ~~Device~~ in accordance with ~~one of the above claims~~

~~§ through 11~~ claim 9, characterized in that wherein a plurality of said cutting knives (51) with different blades shapes are provided in the said cutting device.

14. (Currently Amended) A device ~~Device~~ in accordance with ~~one of the above claims~~ claim 8, characterized in that wherein it operates the gripping device and the adhesive tape applicator operate fully automatically.

15. (Currently Amended) A device ~~Device~~ for gripping a ~~said~~ part (65) of a material web, the device comprising:

~~with a said first element (26) ; and~~

a ~~said~~ second element (28) , which can be moved in relation to ~~one another~~ the first element, wherein a part of the ~~said~~ first element (26) can be placed on the ~~said~~ material web (65) and the ~~said~~ second element (28) can mesh with the ~~said~~ material web (65), so that the ~~said~~ material web (65) can be gripped between the ~~said~~ first element (26) and the ~~said~~ second element (28) by a relative movement between the ~~said~~ first element (26) and the ~~said~~ second element (28) .

16. (Currently Amended) A device ~~Device~~ in accordance with claim 15, wherein the ~~said~~ material web (65) is wound up on a ~~said~~ winding roll (8).

17. (Currently Amended) A device ~~Device~~ in accordance with claim 15 ~~or 16~~, wherein

the said first element (26) is a rotatable element, especially a roller element.

18. (Currently Amended) A device ~~Device~~ in accordance with claim 15 ~~or 16~~, wherein the said first element is a gripping element, which can be placed on the said material web (65).

19. (Currently Amended) A device ~~Device~~ in accordance with ~~one of the above four claims~~ claim 15, wherein the said first element (26) and/or the said second element (28) have at least one opening to mesh with each other.

20. (Currently Amended) A device ~~Device~~ in accordance with ~~one of the above five claims~~ claim 15, wherein the said first element (26) and/or the said second element (28) can be driven, so that a relative movement can be generated between the said first and second elements and/or a relative movement can be generated between the said first element (26) and the said material web (65) or between the said second element (28) and the said material web (65).

21. (Currently Amended) A device ~~Device~~ in accordance with ~~one of the above six claims~~ claim 15, wherein the said first element and/or the said second element have a said an elastic element (110) to meter the contact or pressing pressure on the said material web (65).

22. (Currently Amended) A device ~~Device~~ in accordance with ~~one of the above seven~~

~~claims~~ claim 15, wherein the ~~said~~ second element (28) has a ~~said~~ an edge (28a), which can mesh with the ~~said~~ material web (65).

23. (Currently Amended) A device ~~Device~~ in accordance with ~~one of the above eight claims wherein~~ claim 15, further comprising: a ~~said~~ sensor (31) ~~is provided for detecting a~~ feature of the ~~said~~ material web (65).

24. (Currently Amended) A device ~~Device~~ in accordance with ~~one of the above claims wherein~~ claim 23, further comprising: a control ~~is provided, which controls~~ controlling the relative movement between the ~~said~~ first element (26) and/or the ~~said~~ second element (28) and/or the ~~said~~ material web (65), ~~preferably with the use of~~ using the signal detected by the ~~said~~ sensor (31).

25. (Currently Amended) A system ~~System~~ for gripping a part of a ~~said~~ material web (65), the system comprising:

~~with~~ a ~~said~~ material web holding device (8);;

a device for gripping the ~~said~~ material web with a first element and a second element, which can be moved in relation to the first element, wherein a part of the first element can be placed on the material web and the second element can mesh with the material web, so that the material web can be gripped between the first element and the second element by a relative movement between the first element and the second element; ~~in accordance with one of the~~

above 10 claims; and

with a said moving element (27, 103) to move the device for gripping the said material web in relation to the said material web holding device (8).

26. (Currently Amended) A system ~~System~~ in accordance with claim 25, wherein the said material holding device (8) is moved in relation to the said device for gripping the said material web.

27. (Currently Amended) A system ~~System~~ in accordance with claim 25 or 26, wherein the said device for gripping the said material web is moved in relation to the said material web holding device (8).

28. (Currently Amended) A process ~~Process~~ for gripping a said material web (65), the process comprising the steps of: wherein

placing a said first element (26) ~~is placed~~ on the said material web (65);

bringing a said second element (28) ~~is brought~~ into meshing with the said material web (65); and

holding the said material web (65) ~~is held~~ between the said first element (26) and the said second element (28) by a relative movement between the said first element (26) and the said second element (28).



29. (Currently Amended) A process ~~Process~~ in accordance with claim 28, wherein the said gripped material web is picked up by a movement of the said first and second elements (26, 28) holding the said material web (65).

30. (Currently Amended) A device ~~Device~~ for placing a said double-sided adhesive tape (44) on a said surface, the device comprising: (66) ~~with a said~~

an adhesive tape feeding device (205) for feeding the said double-sided adhesive tape (44) masked with at least one said masking tape; (64), ~~with~~

a said separating device (212) for separating the said double-sided adhesive tape (44) from the at least one said masking tape; (64), ~~with~~

a said cutting device (220, 221) for cutting the said double-sided adhesive tape; and (44), ~~and with a said~~

an adhesive tape pressing device (219) for bringing together and/or pressing on the said double-sided adhesive tape (44), wherein the said at least one masking tape (64) is led between the said adhesive tape pressing device (219) and the said double-sided adhesive tape (44) which is to be pressed on.

31. (Currently Amended) A device ~~Device~~ in accordance with claim 30, wherein the said adhesive tape feeding device (105) is a roller.

32. (Currently Amended) A device ~~Device~~ in accordance with claim 30 ~~or 31~~, wherein

the said separating device (212) for separating the said double-sided adhesive tape (44) from the said at least one masking tape (64) is a roller or a stationary element.

33. (Currently Amended) A device ~~Device~~ in accordance with ~~one of the above three~~ claims claim 30, wherein the said adhesive tape pressing device (219) is a roller or a stationary element.

34. (Currently Amended) A device ~~Device~~ in accordance with ~~one of the above four~~ claims claim 30, wherein a said movable or pivotable element (216) is provided to pick up a variable length of the said masking tape (64).

35. (Currently Amended) A device ~~Device~~ in accordance with ~~one of the above five~~ claims claim 30, wherein the said cutting device (220, 221) is arranged between the said separating device (212) and the said adhesive tape pressing device (219).

36. (Currently Amended) A device ~~Device~~ in accordance with ~~one of the above six~~ claims claim 30, wherein further comprising: a said masking tape pick-up device (224) is provided for taking up the said masking tape (64).

37. (Currently Amended) A system ~~System~~ with a device in accordance with ~~one of the above seven claims and with~~ claim 30, further comprising: a said moving unit (43) for

generating a relative movement between the device for applying the said double-sided adhesive tape (44) and the said surface (66) .

38. (Currently Amended) A process ~~Process~~ for placing a said double-sided adhesive tape (44) on a said surface (66), the process comprising: wherein

pulling a said masking tape (64) covering the said double-sided adhesive tape (44) is pulled off from the said double-sided adhesive tape (44); ;

severing the said adhesive tape (44) ~~is severed~~ after a predetermined length; ; and

pressing the said double-sided adhesive tape (44) ~~is pressed~~ onto the surface by a pressure applied on the said masking tape (64) which has been returned.

39. (Currently Amended) A process ~~Process~~ in accordance with claim 38, wherein the said double-sided adhesive tape (44) is applied to the said surface (66) piece by piece.

40. (New) A process in accordance with claim 2, wherein the beginning of the web is led over a roller that is in contact with the winding roll.

41. (New) A process in accordance with claim 2, wherein the shape of the edge of the beginning of the web is variable by using cutting knives of different designs to cut the web to size.

42. (New) A process in accordance with claim 2, wherein the lifted-off beginning of the web is cut to size over such a length, measured from the point of lift-off to the edge of the web, that the beginning of the web covers only a predetermined part of the second bonding surface after returning to the winding roll.

43. (New) A process in accordance with claim 2, wherein the beginning of the web is wound off by rotating the roller and/or the winding roll onto the second bonding surface without the roller touching the bonding surface.

44. (New) A process in accordance with claim 2, wherein the steps of lifting, placing, cutting, leading and pressing are carried out fully automatically.